



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D5528-1
Job Sheet 199801



Part No: D5528-1

Job Qty: 4 pcs

Part Name: Tubing



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 9/3/19

Job Tracking No:

Due Date: 9/17/19

Created By: Chantal Lavoie

Type: Stock

Description:

Note: DWG REV A IPP REV:A 17.04.25 NEW ISSUE DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard Setup Hrs	Run Hrs	Workcenter/Supplier	Sign-off
100	Purchasing	4 pcs	9/17/19	9/17/19	0.00	0.00	Purchasing - 1	SEP 06 2019
							Purchasing - 2	
							Purchasing - 3	
110	Packaging 2-1 - Receive - B4B	4 pcs	9/17/19	9/17/19	0.00	0.00	Packaging 2 - 1 - B4B	
							Packaging 2 - 2 - B4B	
							Packaging 2 - 3 - B4B	
							Packaging 2 - 5 - B4B	SEP 06 2019
							Packaging 2 - 4 - B4B	
							Packaging 2 - 6 - B4B	
							Packaging 2 - 7 - B4B	
							Packaging 2 - 8 - B4B	
							Packaging 2 - 9 - B4B	
							Packaging 2 - 10 - B4B	
							Packaging 2 - 11 - B4B	
							Packaging 2 - 12 - B4B	
							Packaging 2 - 13 - B4B	
							Packaging 2 - 14 - B4B	
							Packaging 2 - 15 - B4B	
							Packaging 2 - 16 - B4B	
							Packaging 2 - 17 - B4B	
							Packaging 2 - 18 - B4B	
							Packaging 2 - 19 - B4B	
							Packaging 2 - 20 - B4B	
							Packaging 2 - 21 - B4B	
							Packaging 2 - 22 - B4B	
							Packaging 2 - 23 - B4B	
							Packaging 2 - 24 - B4B	
							Packaging 2 - 25 - B4B	
							Packaging 2 - 26 - B4B	
							Packaging 2 - 27 - B4B	
							Packaging 2 - 28 - B4B	



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S211999



Part: D5528-1

Job No: 199801

Serial No/Batch: S211999

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 09/06/19

Plex 9/3/19 8:45 AM Dart.Lavoie.Chantal

				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
				120 QC 6	4 pcs
QC 6 - 68	DAS				
QC 6 - 61	81				
QC 6 - 40	9-89				
QC 6 - 81					
130 Packaging 3-1 - Stock - B4B	4 pcs	9/17/19	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
140 QC 21 - SA	4 pcs	9/17/19	0.00 0.00	QC 21 - SA - 21	
				QC 21 - SA - 70	DAS
				QC 21 - SA - 53	21
Part Op 110 - Receive & Inspect for Damage & Mat'l Certs					9-89
Descriptions: 120 - QC6- All purchased or subcontracted products					
130 - Identify as per dwg & Stock Location;					
140 - QC21- Final Inspection - Work Order Release					

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
6519T14	Tubing D5528-1	4 Ea (1 ea)	100-Purchasing	5211785 5211997
Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	6519T14	4	0	0
Part Specifications				
Specifications could not be found.				

Plex 9/3/19 8:45 AM Dart.Lavoie.Chantal

SPECIFICATION CONTROL DRAWING



D5528-X TUBING, PVC

DART PN	DESCRIPTION	MANUFACTURER	MANUFACTURER PN	VENDOR	VENDOR PN	MATERIAL	I.D. (INCHES)	L (FEET)	COLOUR
D5528-1	TUBING	SAINT-GOBAIN CORPORATION	TYGON VERSILON SE200	MCMaster-CARR	8616714	PVC TUBING	3/8	10	CLEAR

NOTES:
1) MATERIAL: SEE TABLE
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: N/A
7) WEIGHT: N/A

RELEASED
N 2017-05-16
Ecu 17-511 an

APPROVED

REV.	NEW ISSUE	DESCRIPTION	WK	BY	DATE
DESIGN					
DRAWN					
CHECKED					
MFG. APPR.					
APPROVED					
DATE	17.03.20				

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO.	D5528
REV. A	SHEET 1 OF 1
TITLE	TUBING, PVC
SCALE	NTS

COMPANY OF DART AEROSPACE LTD
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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB044419



Supplier: MCM001-VU
McMaster-Carr Supply Co,
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

Attention: N/A,

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB044419

PO Date: 9/3/19

Due Date: 9/5/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground

Pymt Terms: 2% 10 Net 30

Freight Terms:

Special Comments:

E-MAILED
2019-09-03

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1		30345T971	1/pk	SS Nylon Coated Lanyard 1/16" Diameter X 8" Long	Firmed	-	9/5/19	48 Ea	0 Ea	48 Ea	\$2.92/Ea	\$140.16
2		5475A12	1/pk	Fixed Pin Spanner Wrench	Firmed	-	9/5/19	2 Ea	0 Ea	2 Ea	\$12.37/Ea	\$24.74
3		6399K41	10/pk	Knob	Firmed	-	9/5/19	10 Ea	0 Ea	10 Ea	\$7.80/Ea	\$78.00
4		8334K11	1/pk= 1 sf	Felt Pad W/Adhesive Back **SHELF LIFE REQUIRED**	Firmed	-	9/5/19	2 sf	0 sf	2 sf	\$17.69/sf	\$35.38
5		8702K566	4 ft long	UHMW Bar, Black, 3" Wide, 3/4" Thick	Firmed	-	9/5/19	4 ft	0 ft	4 ft	\$15.43/ft	\$61.72
6		90024A232	1/pk	18-8 Stainless Steel Threaded Rod, M10 X 1.5 mm Thread Size, 500 mm Long	Firmed	-	9/5/19	1 Ea	0 Ea	1 Ea	\$11.92/Ea	\$11.92
7		90128A245	50/pk	Steel Zinc Plated Socket Head Screw 1/4"-20 X 3/4" Long	Firmed	-	9/5/19	50 Ea	0 Ea	50 Ea	\$0.21/Ea	\$10.50
8		91116A120	100/pk	Flat Washer, Ø3 mm ID	Firmed	-	9/5/19	100 Ea	0 Ea	100 Ea	\$0.0277/Ea	\$2.77
9		91772A188	100/pk	SS Pan Head Phillips Screw #8-32 X 1/8" Long	Firmed	-	9/5/19	100 Ea	0 Ea	100 Ea	\$0.0998/Ea	\$9.98

Plex 9/3/19 3:44 PM Dart.Guerin.Kimberley



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PURCHASE ORDER

POHB044419



Items												
Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
10		92095A179	100/pk	Pan Head Machine Screw, M3 X 0.5 X 6 mm	Firmed	-	9/5/19	100 Ea	0 Ea	100 Ea	\$0.0506/Ea	\$5.06
								104X SEP 05 2019 AC				
11		92125A212	50/pk	Flat Head Machine Screw, M5 X 0.8 X 16 mm	Firmed	-	9/5/19	50 Ea	0 Ea	50 Ea	\$0.1498/Ea	\$7.49
								50X SEP 05 2019 AC				
12	199797	30365T35		Swivel Eye & Fork D4405-1	Firmed	-	9/5/19	2 pcs	0 pcs	2 pcs	\$74.03/pcs	\$148.06
				receive pcs				2X SEP 05 2019 AC				
13	199798	5462K62	1/pk	Supra Heavy Duty Hose Clamp Stainless Steel, W4 79-85 D5616-3	Firmed	-	9/5/19	45 Ea	0 Ea	45 Ea	\$12.34/Ea	\$555.30
								45X SEP 05 2019 AC				
14	199799	6264K72		Half Link D5039-5	Firmed	-	9/5/19	6 pcs	0 pcs	6 pcs	\$7.80/pcs	\$46.80
				receive pcs				6X SEP 05 2019 AC				
15	199800	63215K52		Bearing Spherical D3965-4	Firmed	-	9/5/19	10 pcs	0 pcs	10 pcs	\$15.62/pcs	\$156.20
				receive ea				10X SEP 05 2019 AC				
16	199801	6519T14		Tubing D5528-1 AS PER DWG D5528 REV. A PCS OF 10 FT LONG REQUIRED	Firmed	-	9/5/19	40 Ea	0 Ea	40 Ea	\$4.97/Ea	\$198.80
								Set 40X SEP 05 2019 AC				
17	199802	92311A639		SS Set Screw D2747	Firmed	-	9/5/19	50 pcs	0 pcs	50 pcs	\$0.66/pcs	\$33.00
								50X SEP 05 2019 AC				
										Grand Total: \$1,525.88		

Order Notes

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A016 PERSONNEL QUALIFICATION

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A032 DOCUMENT SPECIAL REQUIREMENTS

A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS

A040 NOTIFICATION OF QUALITY ESCAPE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 9/3/19 3:44 PM Dart.Guerin.Kimberley



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Hawkesbury, ON
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Tel (613) 632-5200

PURCHASE ORDER

POHB044419



Supplier: MCM001-VU McMaster-Carr Supply Co, P.O. Box 7690 Chicago, IL 60680-7690 USA Phone: 330 995 5500 Fax: 330 995 9600		PO No: POHB044419 PO Date: 9/3/19 Due Date: 9/5/19 Purchase Order Revision: Revision Date: Ship-To Contact: Belanger, Natasha Phone:	
Attention: N/A,		Via: Ground Pynt Terms: 2% 10 Net 30 Freight Terms: Special Comments:	
Ship To: 1270 Aberdeen Street Hawkesbury ON K6A 1K7 Canada Phone: 613-632-5200			

Items												
Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1		30345T971	1/pk	SS Nylon Coated Lanyard 1/16" Diameter X 8" Long	Received	-	9/5/19	48 Ea	48 Ea	0 Ea	\$2.92/Ea	\$0.00
2		5475A12	1/pk	Fixed Pin Spanner Wrench	Received	-	9/5/19	2 Ea	2 Ea	0 Ea	\$12.37/Ea	\$0.00
3		6399K41	10/pk	Knob	Received	-	9/5/19	10 Ea	10 Ea	0 Ea	\$7.80/Ea	\$0.00
4		8334K11	1/pk= 1 sf	Felt Pad W/Adhesive Back **SHELF LIFE REQUIRED**	Received	-	9/5/19	2 sf	2 sf	0 sf	\$17.69/sf	\$0.00
5		8702K566	4 ft long	UHMW Bar, Black, 3" Wide, 3/4" Thick	Received	-	9/5/19	4 ft	4 ft	0 ft	\$15.43/ft	\$0.00
6		90024A232	1/pk	18-8 Stainless Steel Threaded Rod, M10 X 1.5 mm Thread Size, 500 mm Long	Received	-	9/5/19	1 Ea	1 Ea	0 Ea	\$11.92/Ea	\$0.00
7		90128A245	50/pk	Steel Zinc Plated Socket Head Screw 1/4"-20 X 3/4" Long	Received	-	9/5/19	50 Ea	50 Ea	0 Ea	\$0.21/Ea	\$0.00
8		91116A120	100/pk	Flat Washer, Ø3 mm ID	Received	-	9/5/19	100 Ea	100 Ea	0 Ea	\$0.0277/Ea	\$0.00



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PURCHASE ORDER

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Items												
Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
9		91772A188	100/pk	SS Pan Head Phillips Screw #8-32 X 1/8" Long	Received		9/5/19	100 Ea	100 Ea	0 Ea	\$0.0998/Ea	\$0.00
10		92095A179	100/pk	Pan Head Machine Screw, M3 X 0.5 X 6 mm	Received		9/5/19	100 Ea	104 Ea	-4 Ea	\$0.0506/Ea	\$-0.20
11		92125A212	50/pk	Flat Head Machine Screw, M5 X 0.8 X 16 mm	Received		9/5/19	50 Ea	50 Ea	0 Ea	\$0.1498/Ea	\$0.00
12	199797	30365T35		Swivel Eye & Fork D4405-1 receive pcs	Received		9/5/19	2 pcs	2 pcs	0 pcs	\$74.03/pcs	\$0.00
13	199798	5462K62	1/pk	Supra Heavy Duty Hose Clamp Stainless Steel, W4 79-85 D5616-3	Received		9/5/19	45 Ea	45 Ea	0 Ea	\$12.34/Ea	\$0.00
14	199799	6264K72		Half Link D5039-5 receive pcs	Received		9/5/19	6 pcs	6 pcs	0 pcs	\$7.80/pcs	\$0.00
15	199800	63215K52		Bearing Spherical D3965-4 receive ea	Received		9/5/19	10 pcs	10 pcs	0 pcs	\$15.62/pcs	\$0.00
16		6519T14	10 ft length/pcs	Tubing D5528-1 : AS PER DWG D5528 REV. A PCS OF 10 FT LONG REQUIRED	Cancelled		9/5/19	40 Ea	0 Ea	40 Ea	\$49.70/Ea	\$0.00
4X SEP 06 2019  Firmed							9/6/19	4 Ea	0 Ea	4 Ea	\$49.70/Ea	\$198.80
Sub Total:								44	0	44		\$198.80
17	199802	92311A639		SS Set Screw D2747	Received		9/5/19	50 pcs	50 pcs	0 pcs	\$0.66/pcs	\$0.00
Grand Total:												\$198.60



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PURCHASE ORDER

POHB044419



Order Notes

Procurement Quality Clauses

- A005 RIGHT OF ENTRY
- A016 PERSONNEL QUALIFICATION
- A026 CERTIFICATION OF MATERIAL CONFORMANCE
- A032 DOCUMENT SPECIAL REQUIREMENTS
- A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS
- A040 NOTIFICATION OF QUALITY ESCAPE
- A041 QUALITY MANAGEMENT SYSTEM
- A042 DART NOTIFICATION BY SUPPLIER
- A043 RETENTION OF QUALITY DOCUMENTS
- A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
- A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 9/6/19 10:15 AM dart.belanger.natasha

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
POHB044419 ✓
Order Placed By
Kimberley Guerin

Page 1 of 2
09/03/2019

McMaster-Carr Number
1646015-02

Line	Product	Ordered	Shipped
1	30345T971 18-8 Stainless Steel Lanyard - Not for Lifting, Loop-to-Loop, 1/16" Rope Diameter, 8" Long, Nylon	48 Each	48 ✓
2	5475A12 Pin Spanner Wrench for Holes on The Side for 1-1/4" Circle Diameter	2 Each	2 ✓
3	6399K41 303 Stainless Steel Knob with Knurled Grip with Machinable Solid Hub, 1" Head Diameter	10 Each	10 ✓
4	8334K11 F1 Felt Sheet, Firm, Adhesive Backing, 12" x 12", 1/8" Thick	2 Each	2 ✓
6	90024A232 18-8 Stainless Steel Threaded Rod, M10 x 1.5 mm Thread Size, 500 mm Long, Packs of 1	1 Pack	1 ✓
7	90128A245 Zinc-Plated Alloy Steel Socket Head Screw, 1/4"-20 Thread Size, 3/4" Long, Packs of 50	1 Pack	1 ✓
8	91116A120 18-8 Stainless Steel Oversized Washer for M3 Screw Size, 3.2 mm ID, 9 mm OD, Packs of 100	1 Pack	1 ✓
9	91772A188 Passivated 18-8 Stainless Steel Pan Head Phillips Screw, 8-32 Thread, 1/8" Long, Packs of 100	1 Pack	1 ✓
10	92095A179 Button Head Hex Drive Screw, Passivated 18-8 Stainless Steel, M3 x 0.50 mm Thread, 6mm Long, Packs of 100 <i>104 pcs</i>	1 Pack	1 ✓
11	92125A212 18-8 Stainless Steel Hex Drive Flat Head Screw, M5 x 0.8 mm Thread, 16 mm Long, Packs of 50	1 Pack	1 ✓
12	30365T351 Eye-to-Clevis Swivel - Not for Lifting, 316 Stainless Steel, 5-3/4" Long	2 Each	2 ✓
13	5462K62 Tight-Seal Easy-Install Bolt Clamp for Soft Hose and Tube, 304 Stainless Steel, 3-1/8" to 3-11/32" ID	45 Each	45 ✓ <i>OK</i>
14	6264K72 Adding-and-Connecting Link for ANSI Number 40-SS Single Strand Corrosion-Resistant Roller Chain	6 Each	6 ✓
15	63215K52 Corrosion-Resistant Swivel Joint, Lubrication-Free, 1/4" ID, 21/32" OD	10 Each	10 ✓
16	6519T14 Ultra-Chemical-Resistant Versilon PVC Tubing, 3/8" ID, 9/16" OD, 10 Feet Long	40 Feet	40 ✓
17	92311A639 18-8 Stainless Steel Cup-Point Set Screw, 3/8"-24 Thread, 1" Long, Packs of 10	5 Packs	5 ✓

RECEIVED

SEP 05 2019

DART AEROSPACE LTD.

Packing List

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order ✓
POHB044419

Order Placed By
Kimberley Guerin

McMaster-Carr Number
1646015-02

Page 2 of 2

09/03/2019

Certificate of compliance ✓

This is to certify that the above items were supplied in accordance with the description and as illustrated in the catalog. Your order is subject only to our terms and conditions, available at www.mcmaster.com or from our Sales Department.

Sarah Weinberg ✓
Sarah Weinberg
Compliance Manager

DAS
81
9-89